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ABSTRACT

Like the earlier editions, the current text is directed at educators who are interested in understanding the principles of cognitive psychology and applying them to instruction and curriculum design. The following chapters are included: (1) "Introduction to Cognitive Psychology"; (2) "Sensory, Short-Term, and Working Memory"; (3) "Long-Term Memory: Structures and Models"; (4) "Encoding Processes"; (5) "Retrieval Processes"; (6) "Beliefs about Self"; (7) "Beliefs about Intelligence and Knowledge"; (8) "Problem Solving and Critical Thinking"; (9) "Building Knowledge and Reflective Thought"; (10) "Learning To Read"; (11) "Reading To Learn"; (12) "Writing"; (13) "Cognitive Approaches to Mathematics"; and (14) "Cognitive Approaches to Science." (Contains 30 figures, 10 tables, and numerous references.) (SLD)

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